



DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS REGULATIONS BOARD
WASHINGTON, D.C. 20590

5821

**Hazardous Materials Regulations
Board**

[49 CFR Part 173]

[Docket No. HM-44; Notice No. 70-5]

**TRANSPORTATION OF HAZARDOUS
MATERIALS**

**Parathion and Methyl Parathion in
Tank Cars**

The Hazardous Materials Regulations Board is considering amending § 173.358 (a) of the Department's hazardous materials regulations to authorize shipments of parathion and methyl parathion in specification 105A300W tank cars.

This proposal is based on a petition submitted by the Bureau of Explosives of the Association of American Railroads at the request of the Manufacturing Chemists' Association. Over the past several years tank car shipments of these class B poisonous liquids have been conducted under special permit provisions. No reports of adverse experience relative to shipments made under the terms of these special permits have been received by the Department.

Precedent for the use of 105A300W tank cars for the transportation of liquid organic phosphate compounds was established in 1964 when this type tank car was prescribed for liquid organic phosphate compound mixtures, n.o.s., in 49 CFR 173.359(a). Specification 105A300W tank car tanks are insulated and are designed primarily for the transportation of liquefied compressed gases. These tanks are pressure vessels having a test pressure of 300 p.s.i. and a minimum burst pressure of 2.5 times test pressure. It is the Board's opinion that this type of tank car is equal to or greater in strength and efficiency than certain types of tank cars prescribed, and proven to be satisfactory for, class B poisonous liquids, n.o.s., in § 173.346 of the regulations. Outstanding special permits limit

the capacity of tank cars to a maximum of 12,000 gallons for shipments of these materials. The Board intends to continue this limitation.

In consideration of the foregoing, it is proposed to add subparagraph (a) (11) in § 173.358 to read as follows:

§ 173.358 Hexaethyl tetraphosphate, methyl parathion, organic phosphate compound, n.o.s., parathion, tetraethyl dithio pyrophosphate, and tetraethyl pyrophosphate, liquid.

(a) * * *

(11) Spec. 105A300W (§§ 179.100, 179.101). Tank cars. Authorized for parathion and methyl parathion only. The nominal water capacity of a tank car must not exceed 12,000 gallons.

Interested persons are invited to give their views on this proposal. Communications should identify the docket number and be submitted in duplicate to the Secretary, Hazardous Materials Regulations Board, Department of Transportation, 400 Sixth Street SW., Washington, D.C. 20590. Communications received on or before May 19, 1970 will be considered before final action is taken on the proposal. All comments received will be available for examination by interested persons at the Office of the Secretary, Hazardous Materials Regulations Board both before and after the closing date for comments.

This proposal is made under the authority of sections 831-835 of title 18 United States Code, and section 9 of the Department of Transportation Act (49 U.S.C. 1657).

Issued in Washington, D.C., on April 3, 1970.

**R. N. WHITMAN,
Administrator,**

Federal Railroad Administration.

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